ABSTRACT

A cladding member of a piping system for conveyance or storage of a low-temperature liquid is a metal sheet coated with a paint film with surface roughness controlled to 2-20 μm by arithmetical mean deviation of profile and 5-60 μm by average wavelength of undulation. The paint film has an infrared emissivity of 0.85 or more, a spectral-emissivity of 0.5 or more within a wavelength region of 4-6 μm and a solar radiation reflectance of 0.2 or more. Heat transmission to the interior of the piping system is suppressed due to the controlled surface roughness, and an outer surface of the cladding member is prevented from dew condensation due to the higher solar radiation reflectance.